NODES: PYTHON

Nodes Python Introduction

5 min

Now that you have an understanding of what nodes are, let's see one way they can be implemented using Python.

We will use a basic node that contains data and one link to another node. The node's data will be specified when creating the node and immutable (can't be updated). The link will be optional at initialization and can be updated.

Remember that at the end of a node path, the link to the next node is null because there are no more nodes left. In Python, this means it will be set to `None`.

Instructions

1.

Begin by creating a new class, `Node`. Add an `.__init__()` method in the `Node` class that takes a `value` and an optional `link_node` (default should be `None`). These should be saved to the corresponding `self` properties (`self.value` and `self.link_node`).

script.py

```
# Create the Node class below:
class Node:
    def __init__(self, value, link_node = None):
        self.value = value
        self.link_node = link_node
```